(a) the names of the Physical laboratories where research on super conductivity is being done and the latest development on research on super conductivity; and

(b) the future programme of the Government regarding research on super conductivity?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) Major national laboratories where research on Super-conductivity is being done are:

1. National Physical Laboratory (NPL), New Delhi.

2. Tata Institute of Fundamental Research (TIFR), Bombay.

3. Bhabha Atomic Research Centre (BARC), Trombay.

4. Saha Institute of Nuclear Physics (SINP), Calcutta

5. Regional Research Laboratory (RRL), Trivandrum.

6. Central Electronics Engineering Research Institute (CEERI), Pilani.

7. Defence Metallurgical Research laboratory (DMRL), Hyderabad.

In addition to these laboratories other prominent institutes where superconductivity research work is being carried out are: Indian Institute of Science (IISC), Bangalore, Indian Institute of Technology (IITs), Banaras Hindu University (BHU), University of Poona, Pune and R & D Unit of Bharat Heavy Electricals Ltd (BHEL), Hyderabad.

Substantial basic research work has been done in the country. Some highlights of the more recent results of basic studies in the area of oxide superconductors are the following:

- Study of structure, physical properties and substitutions in various cuprate superconductors.
- Synthesis of a new family of Thallium based superconductors.
- First study of non-resonant microwave absorption in an oxide superconductor. The superconductivity R&D programme has also been carried out with applications in view. Some important achievements are the following:
- Development of a high temperature SQID bases on microbridge in a bulk oxide superconductor.
- Development of the magnetic are separator using metallic superconducting magnets.

(b) the Government will continue to promote both basic and applied research activities in the superconductivity area. For actual applications, full-fledged system development based on the achievements, like the two cited above, will receive thrust.

[*Translation*]

Energy Food Industries in Maharashtra

4875. SHRI VILASRAO NAGNATHRAO GUNDEWAR: Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state the names of cities in Maharashtra where energy food industries have been set up or proposed to be set up by the Modern Food Industries (India) Limited during 1991-92?

THE MINISTER OF STATE OF THE MINISTRY OF FOOD PROCESSING INDUSTRIES (SHRI GIRIDHAR GOMANGO): The Company has not set up any Energy Food Manufacturing Unit in the State of Maharashtra and it does not have any such proposal for the year 1991-92.

Projects of CCI in Maharashtra

4876. SHRI VILASRAO NAGNATHRAO GUNDEWAR: Will the PRIME MINISTER be pleased to state:

(a) whether the Cement Corporation of India (CCI) has accorded its approval to some projects in Maharashtra;

(b) if so, the details thereof; and

(c) when these projects are likely to be started?

THE MINISTER OF STATE IN THE MINISTRY OF INDUSTRY (SHRI P.K. THUNGON): (a) No, Sir.

(b) and (c). Does not arise.

Assistance to Maharashtra for Electronic Units

4877. SHRI VILASRAO NAGNATHRAO GUNDEWAR: Will the PRIME MINISTER be pleased to state:

(a) the details of the steps taken or proposed to be taken by the Government to provide Central Assistance to Maharashtra for the promotion and development of electronic units; and

(b) the amount allocated/proposed for the purpose?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) and (b). The State Governments provide facilities and create conditions conducive for setting up Electronic industries in the State and the Department of Electronics gives necessary guidance and processes the issue of approvals. The Department also provides assistance for projects in areas such as manpower development and education, quality control, testing and standardisation, R&D in electronics etc.

The State Government of Maharashtra has set up Maharashtra State Electronics Development Corporation (MELTRON) to promote the growth of electronics industry in the State. The Department of Electronics has provided financial support through MELTRON for the following activities with a view to promote the growth of electronics sector in Maharashtra:-

i) Programme on Electro-Medical Equipment repair and maintenance for which an amount of Rs. 7.82 lakhs have been released so far.

ii) Under Rural Electronics Employment Generation Programme, the funds have been released to the following organisations:-

a) Rs. 3 lakhs to M/s. Chetak Video Tronics Limited, Wada, Maharashtra.

b) Rs. 12.5 lakhs to M/s. Softedge Exports Pvt. Ltd. Bombay.

c) Rs. 15 lakhs to M/s. MELTRON.

iii) The Department of Electronics and MELTRON have jointly set up Electronics Research and Development Centre at Pune. The estimated expenditure for the year 1991-92 is Rs. 40 lakhs.